

ABSTRACT OF THE DISCLOSURE

The invention relates to a method for heating a container (Ri) placed on a cooktop comprising heating means which are associated respectively with inductors which form means for detecting the presence of the container and are distributed along a frame which is embodied such that it is two-dimensional in a cooking area. Said method consists in searching (E20) a heating area (Zi) consisting of the heating means arrangement which are at least partially covered by the container and in computing (E60) a power supplied by each heating means of said heating area (Zi) according to a total specified power (Pi) associated thereto and the degree of coverage of each detection means associated to heating means by the container (Ri). The invention can be used, in particular for an inductive cooktop.